

PATENT ABSTRACTS OF JAPAN

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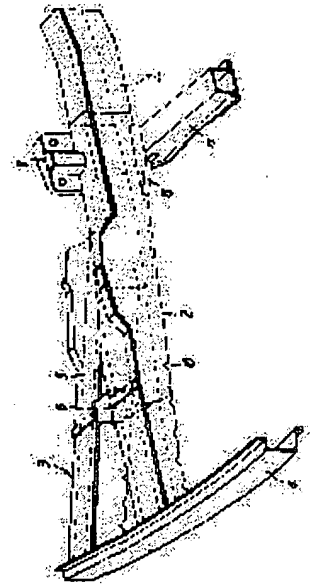
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(54) BACK AND FRONT DIRECTION REINFORCING MEMBER FOR CAR

(57) Abstract:

PURPOSE: To absorb the energy efficiently by providing a branch member at the end section of a side frame and making into approximately Y-shape thereby producing the wall face buckling sequentially even for the external force from the front and oblique direction.

CONSTITUTION: The end section of a side frame 1 is formed approximately in Y-shape by a main frame 2 and a sub-frame 3, then a cross member 4 is fixed in the width direction. The main frame and the sub-frame have the closed cross-section. A weak force section 10 is also formed. Since the side frame is constructed in such a manner, the wall face buckling is produced sequentially by the external force from the front and oblique direction thereby the bending deformation will never occur. Consequently the energy absorption is performed efficiently.



LEGAL STATUS

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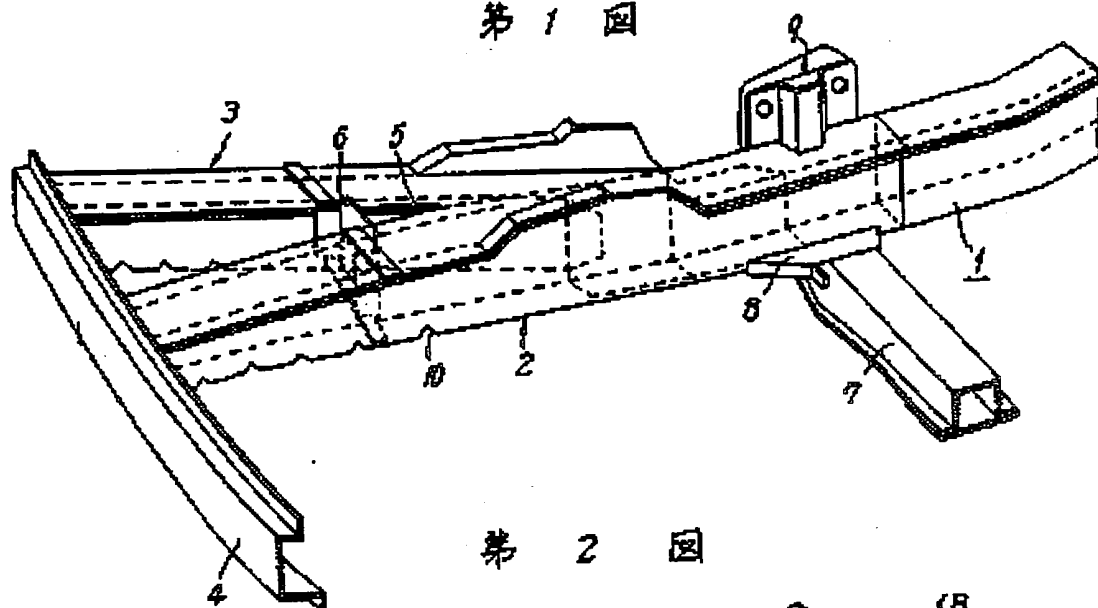
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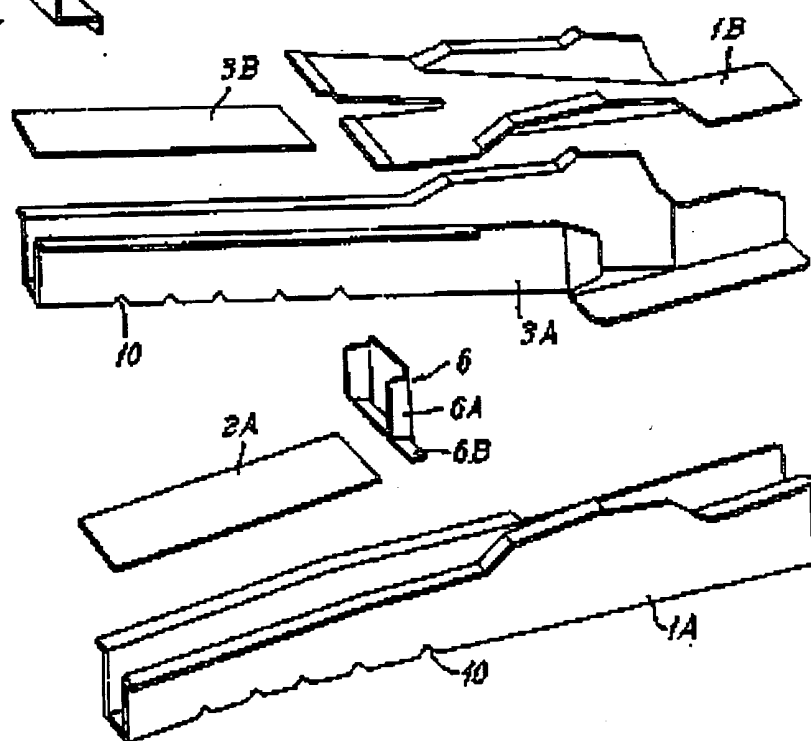
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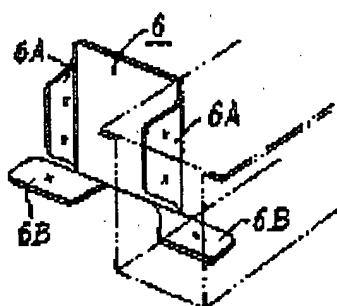
第 1 圖



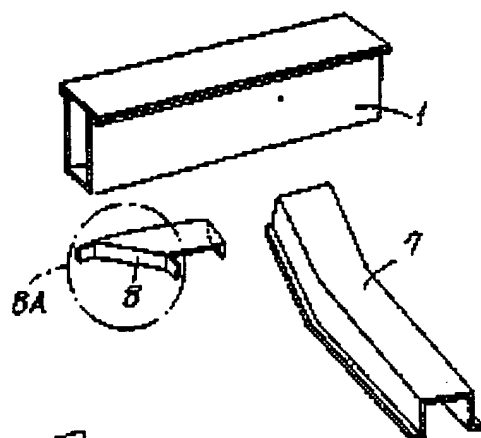
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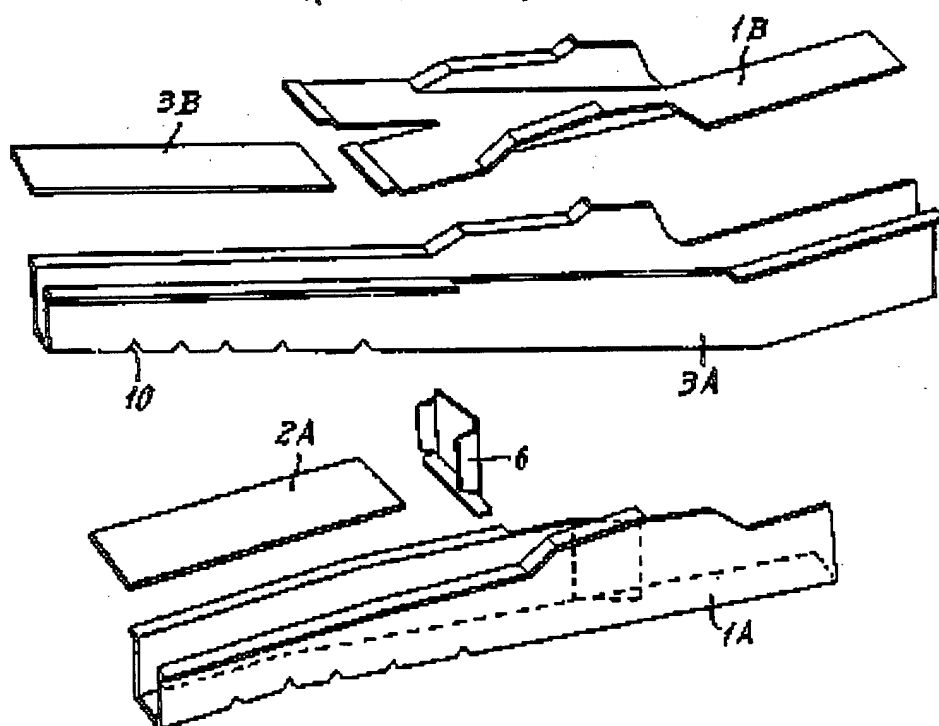
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第 4 圖



第 5 圖



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